

FIG. 1

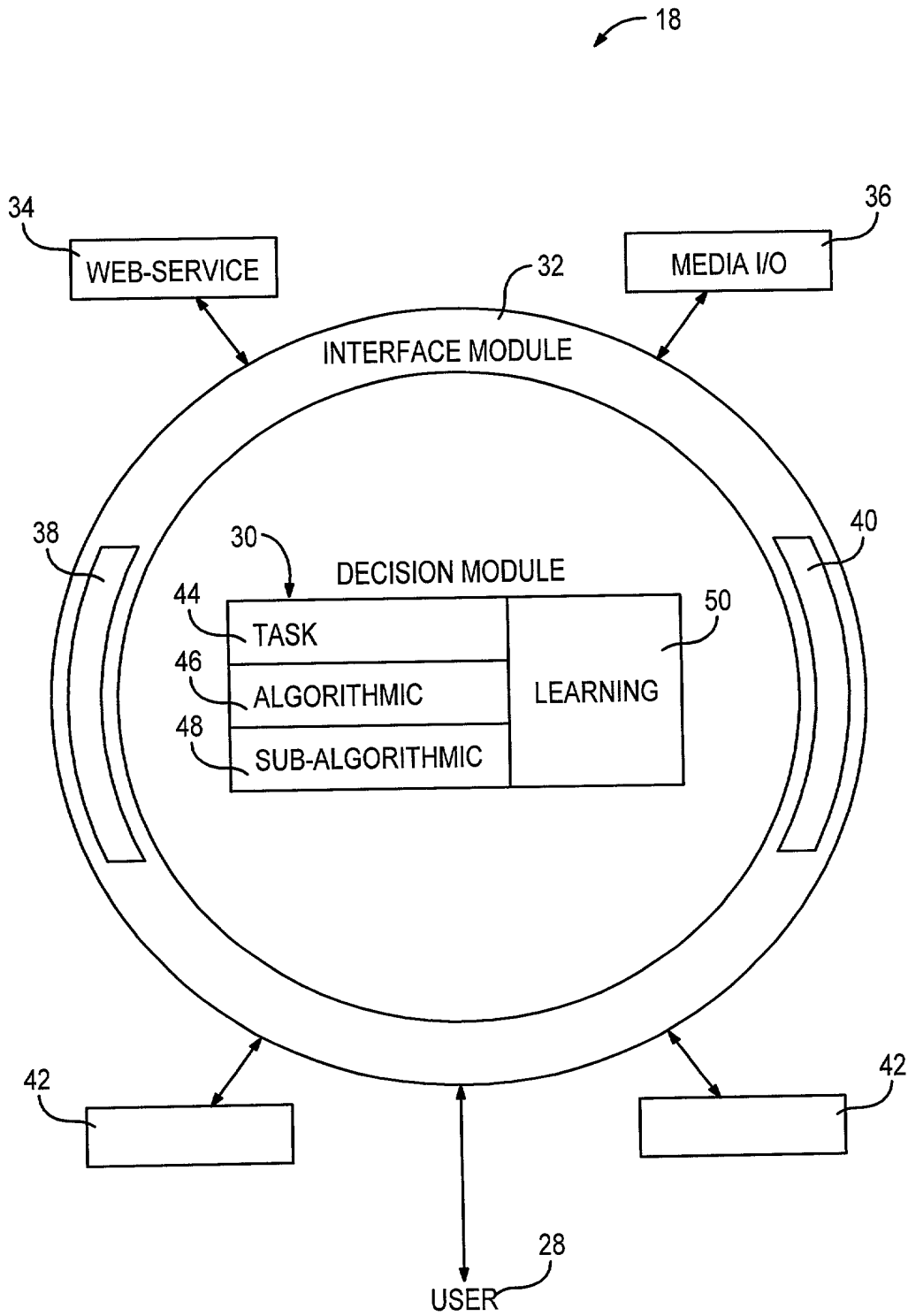


FIG. 2

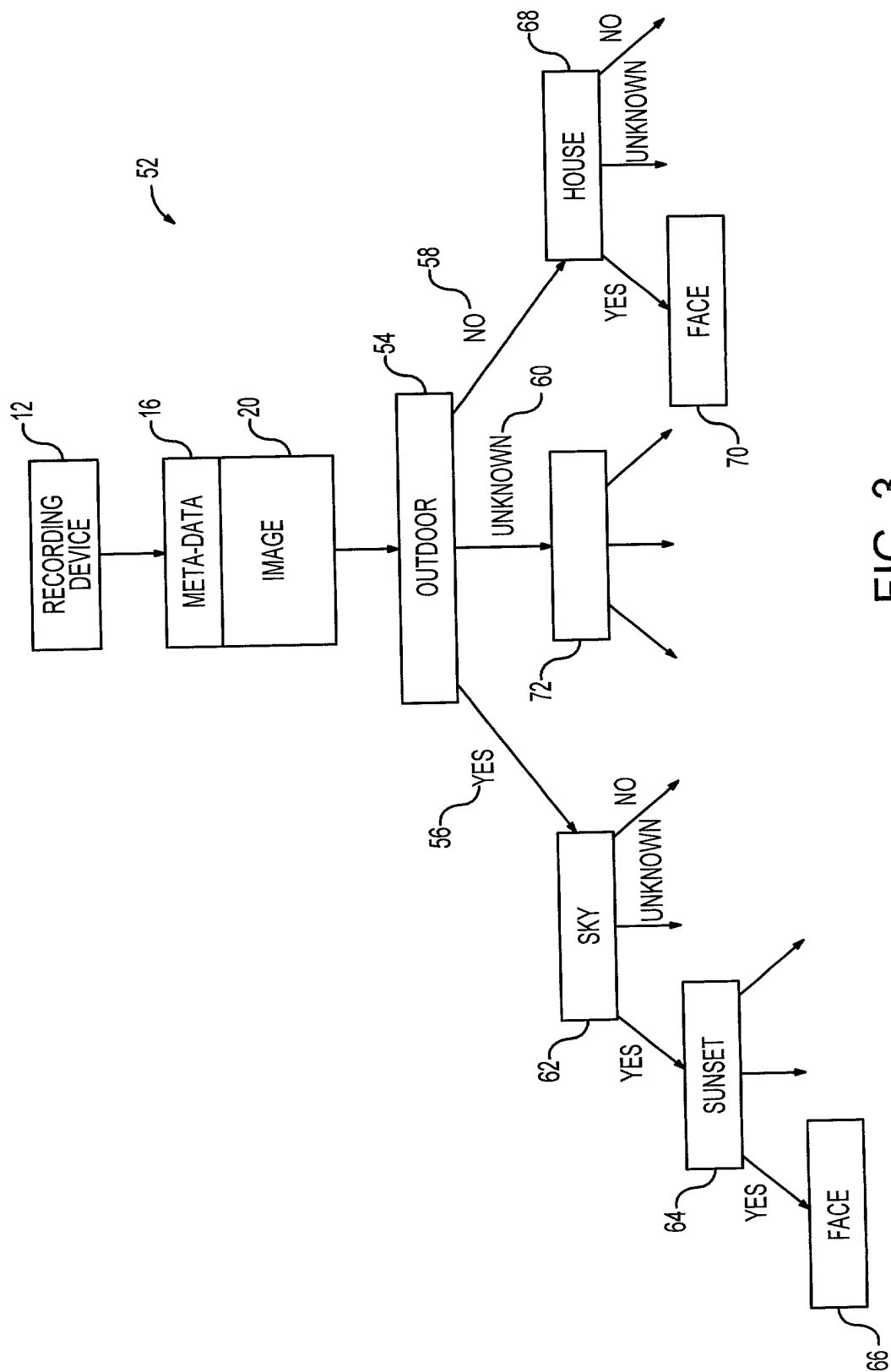


FIG. 3

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KNOWLEDGE	ALGORITHM
DEFAULT	FACE DETECTION I
OUTDOOR/SKY/SUNSET	FACE DETECTION II
NOT OUTDOOR/HOUSE	FACE DETECTION III
...	

FIG. 4

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ALGORITHM	STORAGE			
FACE DETECTION I	28	326	...	832
FACE DETECTION II	98	328	...	896
FACE DETECTION III	18	392	...	823

78 80 82

FIG. 5

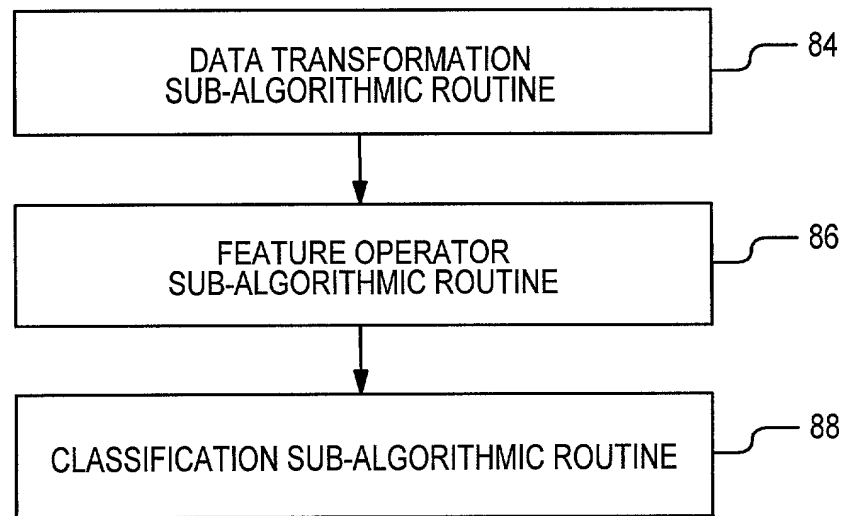


FIG. 6

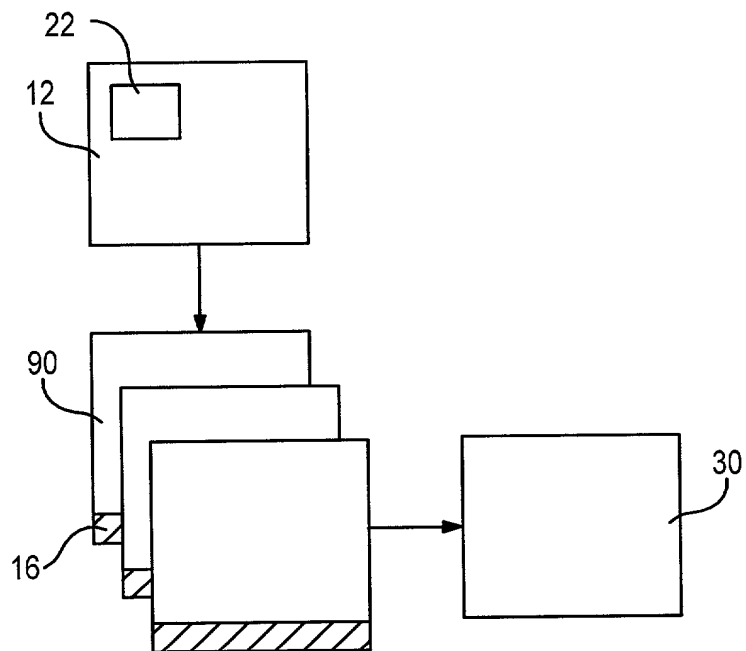


FIG. 7

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TRAINING IMAGE	IDENTIFIED CLASSES
1	<i>a c d g f</i>
2	<i>d f m</i>
3	<i>d g m f</i>
4	<i>e m a f</i>
...	

FIG. 8

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FREQUENCY DISTRIBUTION	<i>a f e d g m c...</i>
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FIG. 9




FIG. 10

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98		100		102
TRAINING IMAGE	FIRST ORDER	SECOND ORDER	...	FINAL ORDER
1	<u>a</u> cdgf	<u>a</u> fc <u>d</u> g		af <u>d</u> gc
2	f <u>d</u> m	f <u>d</u> m		f <u>d</u> m
3	f <u>d</u> gm	f <u>d</u> mg		f <u>d</u> mg
4	<u>a</u> emf	<u>a</u> fem		a <u>f</u> me
...				

FIG. 10

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106	ORDER GIVEN <i>a</i>	<i>fmgced...</i>
108	ORDER GIVEN <i>af</i>	<i>mdegc...</i>
	ORDER GIVEN <i>f</i>	<i>dgm...</i>
	ORDER GIVEN <i>fd</i>	<i>mg...</i>
	...	

FIG. 11

FIG. 11

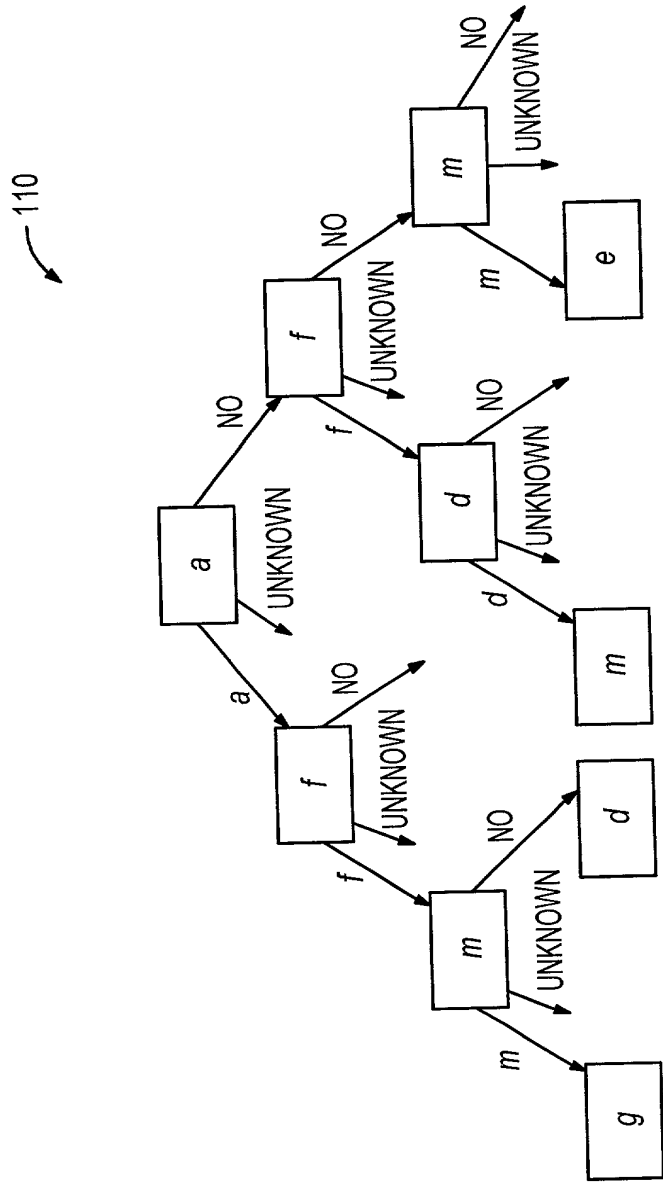


FIG. 12

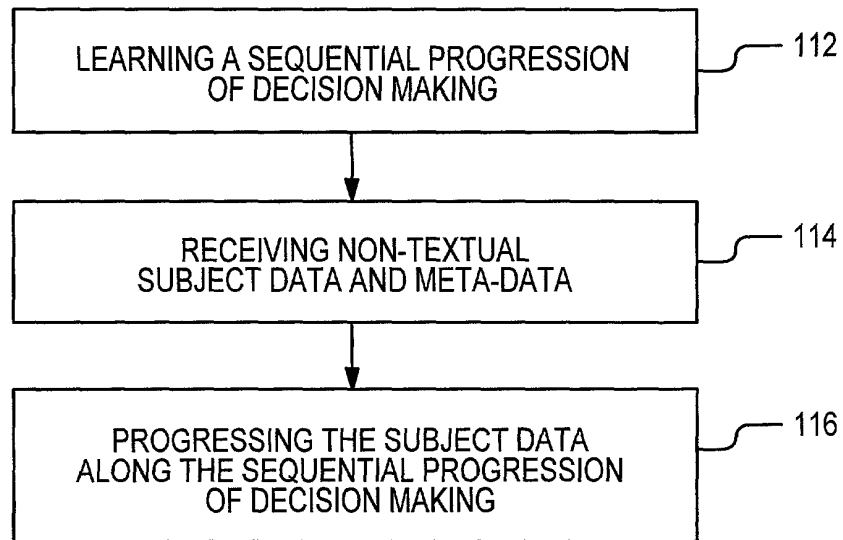


FIG. 13